

INTRODUCTION TO PROGRAMMING CONCEPTS

FOUR DAYS

Prerequisite

A general understanding of data processing terms and PC hardware and software concepts is assumed. However, no prior knowledge of programming is required.

Who Should Attend

Anyone interested in learning to be a programmer, or managers and project leaders who wish to have a better understanding of programming concepts.

Course Description

Introduction to Programming Concepts provides students with a basic overview of programming concepts with emphasis on learning to write good programs independent of any specific language. This course includes hands-on workshops using Q Basic, a simple programming language used to articulate topics discussed in the course.

Course Topics

- What Is a Program?
- Designing the Program
- The Programming Process
- Programming Languages: The Early Years
- Programming Languages: Modern Day
- Q Basic
- Data Processing with Q Basic
- Managing Data and Disk Files
- Program Algorithms
- The Future of Programming